

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
C-CSS-03700	7298	B0	performance	unverified	analysis	The CSS-DCHW CI Enterprise Communications Server shall be capable of 100 percent growth in the processing speed specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2)</u> , without modifications or upgrade to software.		97-0263
C-CSS-03710	7299	B0	performance	unverified	analysis	The CSS-DCHW CI Enterprise Communications Server shall be capable of 100 percent growth in the storage capacity specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2)</u> , without modifications or upgrade to software.		97-0486
C-CSS-03720	7300	B0	performance	unverified	analysis	The CSS-DCHW CI Local Communications Server shall be capable of 100 percent growth in the processing speed specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2)</u> , without modifications or upgrade to software.		97-0486
C-CSS-03730	7301	B0	performance	unverified	analysis	The CSS-DCHW CI Local Communications Server shall be capable of 100 percent growth in the storage capacity specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity</u>		97-0486

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<u>and Performance Characteristics (Table A-2),</u> without modifications or upgrade to software.		
C-ISS-02330	7417	B0	performance	unverified	test	The ISS-INHW CI shall provide sufficient local area network bandwidth at the LaRC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network I/O sizing listed in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		96-1355
C-ISS-02350	7419	B0	performance	unverified	test	The ISS-INHW CI shall provide sufficient local area network bandwidth at the GSFC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network I/O sizing listed in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		96-1355
C-ISS-02360	7420	B0	performance	unverified	test	The ISS-INHW CI shall provide sufficient local area network bandwidth at the EDC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network sizing listed in <del>Appendix A of the current version of 304-CD-005</del>		96-1355

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		
C-ISS-20050	7441	B1	performance	unverified	test	The ISS shall provide sufficient local area network bandwidth at the JPL DAAC to support data transfer between and among physical nodes provided in accordance with the Release B network I/O sizing listed in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		97-0322A
C-ISS-20070	7443	B1	performance	unverified	test	The ISS shall provide sufficient local area network bandwidth at the ORNL DAAC to support data transfer between and among physical nodes in accordance with the Release B network I/O sizing listed in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		97-0322A
C-ISS-20080	7444	B0	performance	unverified	test	The ISS shall provide sufficient local area network bandwidth at the NSIDC DAAC to support data transfer between and among physical nodes in accordance with the Release B network sizing listed in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2 and A-3).</u>		96-1355

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
C-ISS-20190	7455	B0	performance	unverified	test	The ISS-INHW CI shall contribute to the response time and performance requirements specified in <del>Appendix E (Section E.7 Table E-8) of the current version of 304-CD-005.</del> <u>Reference Table: A/B Service Performance Response Time Budgets by Subsystem (Table E-8.2).</u>		96-1355
C-MSS-03800	12549	B0	performance	unverified	analysis	The MSS-MHW CI Enterprise Monitoring Server shall be capable of 100 percent growth in the processing speed specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2).</u> without modifications or upgrades to software.		97-0268A
C-MSS-03810	12550	B0	performance	unverified	analysis	The MSS-MHW CI Enterprise Monitoring Server shall be capable of 100 percent growth in the storage capacity specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-2).</u> without modifications or upgrades to software.		97-0268A
C-MSS-03820	12080	B0	performance	unverified	inspection	The MSS-MHW CI Local Management Server shall be capable of 100 percent growth in the processing speed specified in <del>Appendix A of the current version of 304-CD-005</del> <u>Reference Table: CSMS Capacity and Performance Characteristics (Table A-</u>		97-0302A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						2), without modifications or upgrades to software.		
C-MSS-03830	12081	B0	performance	unverified	inspection	The MSS-MHW CI Local Management Server shall be capable of 100 percent growth in the storage capacity specified in <del>Appendix A of the current version of 304-CD-005</del> Reference Table: <i>CSMS Capacity and Performance Characteristics</i> (Table A-2), without modifications or upgrades to software.		97-0302A
S-DMS-00480	8364	B1	performance	unverified	test	The LIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2), for a single instrument inventory search consisting of multiple keyword attributes with time range check.		96-1363A
S-DMS-00490	8365	B1	performance	unverified	test	The LIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8), of the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2), for a multiple instrument inventory search consisting of multiple keyword attributes with time range check.		96-1363A
S-DMS-00500	8366	B1	performance	unverified	test	The LIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8),</del>		96-1363A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<del>of the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2), in accepting from Data Servers a single instrument inventory result set consisting of multiple keyword attributes with special range check, integrating the results, and providing a complete result set.		
S-DMS-00510	8367	B1	performance	unverified	test	The LIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2), in accepting from Data Servers a multiple instrument inventory result set consisting of multiple keyword attributes with time range check, integrating the results, and providing a complete result set.		96-1363A
S-DMS-10470	8459	B1	performance	unverified	test	The DIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2), in accepting processing, and distributing to the LIMs multiple DAAC, single instrument inventory search consisting		96-1363A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						of multiple keyword attributes with special range check.		
S-DMS-10480	8460	B1	performance	unverified	test	The DIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> <u>Reference Table: A/B Service Performance Response Time Budgets by Subsystem (Table E-8.2)</u> , in accepting, processing, and distributing to LIMs a multiple DAAC, multiple instrument inventory search consisting of multiple keyword attributes with time range check.		96-1363A
S-DMS-10490	8461	B1	performance	unverified	test	The DIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> <u>Reference Table: A/B Service Performance Response Time Budgets by Subsystem (Table E-8.2)</u> , in accepting from LIMs a multiple DAAC, single instrument Inventory result set consisting of multiple keyword attributes with <del>spacial</del> <u>special</u> range check, integrate the results, and providing a complete result set.		96-1363A
S-DMS-10500	8462	B1	performance	unverified	test	The DIMGR CI shall contribute to supporting the response time defined in <del>Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005</del> <u>Reference Table: A/B Service Performance Response Time Budgets</u>		96-1363A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<i>by Subsystem</i> (Table E-8.2), in accepting from LIMs multiple DAAC, multiple instrument Inventory result set consisting of multiple keyword attributes with time range check, integrate the results, and providing a complete result set.		
S-DMS-60200	8651	B0	performance	unverified	test	The DMGHW CI shall provide local storage as defined in <del>Appendix E (Section E.8, Table E-9) of the current version of 304-CD-005</del> <u>Reference Table: TBD.</u>		96-1363A
S-DPS-60251	8702	B0	performance	unverified	test	The SPRHW CI storage capacity shall be sized in accordance with the volume requirement derived from <del>Appendix E (Section E.2 Table E-2) of the current version of 304-CD-005</del> <u>Reference Table: Platform Product Estimates for EOS Instrument .</u>		96-1351A
S-DSS-01212	12540	B1	functional	unverified	demo	The SDSRV CI shall accept and process Status Requests, for the status of any specified Data Request, and provide Data Request Status to the requesting client as a result.	Item d of Data Request Status included in <del>Appendix K- Data Glossary</del> <u>Reference Table: Data Glossary.</u> specifies: If rejection, then the reason for the rejection.	97-0859
S-DSS-01840	9180	B1	performance	unverified	demo	The SDSRV CI shall accept and validate Data Requests per hour as		97-0265A



L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<del>derived from Section E.6 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		
S-DSS-01900	9187	B1	performance	unverified	demo	The SDSRV CI shall be capable of receiving a combined maximum number of Data Requests per hour (across ECS) from the Data Management Subsystem and/or the Client Subsystem as derived from <del>Section E.6 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		97-0265A
S-DSS-01910	9185	B1	performance	unverified	demo	The SDSRV CI shall be capable of receiving a combined maximum number of Browse Requests per hour (across ECS) from the Data Management Subsystem and/or the Client Subsystem as derived from <del>Section E.6 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		97-0265A
S-DSS-01920	9188	B1	performance	unverified	demo	The SDSRV CI shall support making pre-computed Browse Data available to a requester in 58 seconds after accepting and validating the request in the number of seconds specified in <del>Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		97-0265A
S-DSS-01950	9191	B1	performance	unverified	demo	The SDSRV CI shall support distributing the number of bytes of data per day derived from <del>Sections E.1 &amp; E.3 of Appendix E of the current</del>		97-0265A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<del>version of 304-CD-005 for Release B Reference Table: TBD,</del> to the PRONG CI (in support of production) by accepting and validating the number requests per day from the PRONG CI derived from <del>Sections E.1 &amp; E.3 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		
S-DSS-01960	9194	B1	performance	unverified	demo	The SDSRV CI shall support distributing the bytes of data per day derived from <del>Sections E.1 &amp; E.3 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD,</del> to the PRONG CI (in support of production) by retrieving and staging the number of bytes per day for the PRONG CI derived from <del>Sections E.1 &amp; E.3 of Appendix E of the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		97-0265A
S-DSS-02010	9148	B1	performance	unverified	demo	The ACMHW CI shall be sized to support the number of operations/second derived from <del>Appendix E of the current version of 304-CD-002 for Release A and the current version of 304-CD-005 for Release B Reference Table: TBD.</del>		97-0869A
S-DSS-10320	9195	B1	performance	unverified	demo	The DDSRV CI shall accept and validate the number of Distribution Requests per hour derived from <del>Section E.6 of Appendix E of the current version of 304-CD-005 for</del>		97-0265A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						<u>Release B Reference Table: TBD.</u>		
S-DSS-10350	9196	B1	performance	unverified	demo	The DDSRV CI shall be capable of receiving a combined maximum of product orders per hour as derived from <del>Section E.6 of Appendix E (across ECS) of the current version of 304-CD-005</del> for <u>Release B Reference Table: TBD</u> from the Data Management Subsystem and/or the Client Subsystem.		97-0265A
S-DSS-10360	9197	B1	performance	unverified	demo	The DDSRV CI shall be capable of accepting and storing documents and related data at a nominal rate derived from <del>Section E.1 of Appendix E of the current version of 304-CD-005</del> for <u>Release B Reference Table: TBD.</u> from external clients while supporting standard data retrieval and access loads.		97-0265A
S-DSS-21350	8916	B1	functional	unverified	test	The STMGT CI shall collect Accounting Management Data as defined in <del>Appendix K of the current version of 304-CD-005</del> : <u>Reference Table: Data Glossary.</u>		96-1353A
S-DSS-21520	9198	B1	performance	unverified	demo	The SDSRV CI shall be capable of processing a combined maximum number of Data Requests per hour (across ECS) from the Data Management Subsystem and/or the Client Subsystem as derived from <del>Section E.6 of Appendix E of the current version of 304-CD-005</del> for <u>Release B Reference Table: TBD.</u>		97-0265A
S-DSS-30950	9173	B1	performance	unverified	demo	The DIPHW CI shall be sized to		97-0265A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						temporarily store the total number of bytes of distribution data derived from Section E.1 of Appendix E of the <del>current version of 304-CD-005 for Release B</del> <u>Reference Table: TBD.</u>		
S-DSS-30960	9175	B1	performance	unverified	demo	The DIPHW CI shall be sized to support a sustained I/O rate of 1x the production volume for media distribution, where 1x production volume is derived from <del>Section E.1 of, Appendix E of the current version of 304-CD-005 for Release B</del> <u>Reference Table: TBD.</u>		97-0265A
S-DSS-60950	9153	B1	performance	unverified	demo	The ACMHW CI at the GSFC DAAC shall be capable of ingesting Version 0 data at the nominal rate specified in <del>Section E.4 of Appendix E of the current version of 304-CD-002 for Release A and the current version of 304-CD-005 for Release B.</del> <u>Reference Table: TBD.</u>		97-0869A
S-DSS-61010	9155	B1	performance	unverified	demo	The ACMHW CI at the LaRC DAAC shall be capable of ingesting Version 0 data by network data transfer at the nominal rate specified in <del>Section E.4 of Appendix E of the current version of 304-CD-002 for Release A and the current version of 304-CD-005 for Release B</del> <u>Reference Table: TBD.</u>		97-0869A
S-DSS-90300	9176	B1	performance	unverified	demo	The DIPHW CI at the GSFC DAAC shall be capable of ingesting Version 0 data from physical media agreed upon between ECS and Version 0, at the		97-0869A

L4_id	requirement_key	release	req_type	verification_status	verification_method	text	clarification	ccr
						nominal rate specified in <del>Section E.5 of Appendix E of the current version of 304-CD-002 for Release A and the current version of 304-CD-005 for Release B</del> Reference Table: TBD.		
S-DSS-90320	9178	B1	performance	unverified	demo	The DIPHW CI at the LARC DAAC shall be capable of ingesting Version 0 data from physical media agreed upon between ECS and Version 0, at the nominal rate specified in <del>Section E.4 of Appendix E of the current version of 304-CD-002 for Release A and the current version of 304-CD-005 for Release B</del> Reference Table: TBD.		97-0869A
S-IOS-00345	12895	B0	performance	unverified	demo	The ADSRV CI shall perform multiple keyword attributes directory search in not exceeding the time specified in, <del>Appendix E in the current version of 304-CD-005</del> Reference Table: <i>A/B Service Performance Response Time Budgets by Subsystem</i> (Table E-8.2).		97-0340C